

INFORMATION DISCLOSURE
CITATION

ATTY. DOCKET NO.

1430-252

SERIAL NO.

09/646,224

APPLICANT

GROSE et al.

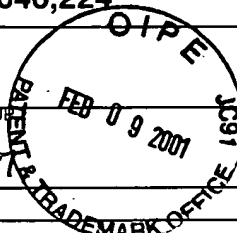
(Use several sheets if necessary)

FILING DATE

September 14, 2000

GROUP

1647



U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

BE	14	V58419; WO 98/38302-A2; 03 Sep 1998.
		Q05831; WO 90/09391-A; 09 Feb 1990.
		V09029; WO 98/02040-A1; 22 Jan 1998.
		T77803; WO 97/01577-A1; 16 Jan 1997.
		T30192; WO 96/14077-A1; 17 May 1996.
		W57773; WO 98/28446-A1; 02 Jul 1998.
		Rogert et al, "Molecular cloning of a putative tetrodotoxin-resistant rat heart Na ⁺ channel isoform", Proc Natl Acad Sci USA 1989 Octo;86(20):8170-4.
		Schultz et al, "Cloning, chromosomal localization, and functional expression of the alpha 1 subunit of the L-type voltage-dependent calcium channel from normal human heart.", Proc Natl Acad Sci USA 1993 Jul 1; 90(13):6228-32.
		U.S. Patent 5,380,836; 13 February 1989; Q81328.
		Dietrich et al, "Functional Analysis of a voltage-gated sodium channel and its splice variant from rat dorsal root ganglia", J Neurochem 1998 June; 70(6):2262-72.
		Trimmer et al, "Primary structure and functional expression of a mammalian skeletal muscle sodium channel," Neuron 1989 Jul;3(1):33-49.
		Noda, et al, "Existence of distinct sodium channel messenger RNAs in rat brain", Nature 1986 Mar 13-19; 320(6058):188-92.
		Noda et al, "Structure and function of sodium channel", J Recept Res 1987; 7(1-4):467-97.
		Schaller et al, "A novel, abundant sodium channel expressed in neurons and glia", J Neurosci 1995 May; 15 (5 Pt 1):3231-42.
		Gellens et al, "Primary structure and functional expression of the human cardiac tetrodotoxin-insensitive voltage-dependent sodium channel", Proc Natl Acad Sci USA 1992 Jan 15;89(2):554-8.
		Kayano et al, "Primary structure of rat brain sodium channel III deduced from the cDNA sequence", FEBS Lett 1988 Feb 8;228(1):187-94.
		Burgess et al, "Mutation of a new sodium channel gene, Scn8a, in the mouse mutant 'motor endplate disease'", Nat Genet 1995 Aug;10(4):461-5.
		George, Jr. et al, "Primary structure of the adult human skeletal muscle voltage-dependent sodium channel", Ann Neurol 1992 Feb; 31(2):131-7.
		Ahmed et al, "Primary structure, chromosomal localization, and functional expression of a voltage-gated sodium channel from human brain", Proc Natl Acad Sci USA 1992 Sep 1; 89(17):8220-4.
		George, Jr., "Genomic organization of the human skeletal muscle sodium channel gene", Genomics 1993 Mar; 15(3):598-606.
		McClatchey et al, "The genomic structure of the human skeletal muscle sodium channel gene", Hum Mol Genet 1992 Oct; 1(7):521-7.
		Wang et al, "Sequence and genomic structure of the human adult skeletal muscle sodium channel alpha subunit gene on 17q", Biochem Biophys Res Commun 1992 Jan 31;182(2):794-801.
		McClatchey et al, "Temperature-sensitive mutations in the III-IV cytoplasmic loop region of the skeletal muscle sodium channel gene paramyotonia congenita", Cell 1992 Feb 21;68(4):769-74.

*Examiner

Date Considered

10/4/02

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)

Sheet 2 of 2



INFORMATION DISCLOSURE
CITATION

ATTY. DOCKET NO.

1430-252

SERIAL NO.

09/646,224

APPLICANT

GROSE et al.

(Use several sheets if necessary)

FILING DATE

September 14, 2000

GROUP

1647

PL	Gellens et al, "Primary structure and functional expression of the human cardiac tetrodotoxin-insensitive voltage-dependent sodium channel", Proc Natl Acad Sci USA 1992 Jan 15;89(2):554-8.
	Wang et al; "Cardiac sodium channel mutations in patients with long QT syndrome, an inherited cardiac arrhythmia", Hum Mol Genet 1995 Sep;4(9):1603-7.
	Wang et al, "SCN5A mutations associated with an inherited cardiac arrhythmia, long QT syndrome", Cell 1995 Mar 10;80(5):805-11.
	Bennett et al, "Molecular mechanism for an inherited cardiac arrhythmia", Nature 1995 Aug 24;376(6542):683-5.
	An et al, "Novel LQT-3 mutation affects Na ⁺ channel activity through interactions between alpha- and beta1-subunits", Circ Re 1998 Jul 27;83(2):141-6.
	Makita et al, "A de novo missense mutation of human cardiac Na ⁺ channel exhibiting novel molecular mechanisms of long QT syndrome", FEBS Lett 1998 Feb 13;423(1):5-9.
	Dib-Hajj et al, "NaN, a novel voltage-gated Na channel, is expressed preferentially in peripheral sensory neurons and down-regulated after axotomy", Proc Natl Acad Sci USA 1998 Jul 21;95(15):8963-8.
	Klugbauer et al, "Structure and functional expression of a new member of the tetrodotoxin-sensitive voltage-activated sodium channel family from human neuroendocrine cells", EMBO J 1995 Mar 15; 14(6):1084-90.
	Belcher et al, "Cloning of a sodium channel alpha subunit from rabbit Schwann cells", Proc Natl Acad Sci USA 1995 Nov 21;92(24):11034-8.
	Kohrman et al, "Mutation detection in the med and medJ alleles of the sodium channel Scn8a. Unusual splicing due to a minor class AT-AC intron.", J Biol Chem 1996 Jul 19;271(29):17576-81.
	Chen et al, "Molecular cloning of a putative tetrodotoxin-resistant sodium channel from dog nodose ganglion neurons", Gene 1997 Nov 20;202(1-2):7-14.
	Sangameswaran et al, "Structure and function of a novel voltage-gated, tetrodotoxin-resistant sodium channel specific to sensory neurons.", J Biol Chem 1996 Mar 15;271(11):5953-6.
	Souslova et al, "Cloning and characterization of a mouse sensory neuron tetrodotoxin-resistant voltage-gated sodium channel gene, Scn10a", Genomics 1997 Apr 15;41(2):201-9.
	Ptacek et al, "Identification of a mutation in the gene causing hyperkalemic periodic paralysis", Cell 1991 Nov 29;67(5):1021-7.
	Ptacek et al, "Mutations in an S4 segment of the adult skeletal muscle sodium channel cause paramyotonia congenita", Neuron 1992 May;8(5):891-7.
	McClatchey et al, "Novel mutations in families with unusual and variable disorders of the skeletal muscle sodium channel", Nat Genet 1992 Oct;2(2):148-52.
	Lerche et al, "Human sodium channel myotonia: slowed channel inactivation due to substitutions for a glycine within the III-IV linker", J Physiol (Lond) 1993 Oct;470:13-22.
	Ptacek et al, "Sodium channel mutations in paramyotonia congenita and hyperkalemic periodic paralysis", Ann Neurol 1993 Mar;33(3):300-7.
	Heine et al, "A novel SCN4A mutation causing myotonia aggravated by cold and potassium", Hum Mol Genet 1993 Sep;2(9):1349-53.
↓	Rojas et al, "A Met-to-Val mutation in the skeletal muscle Na ⁺ channel alpha-subunit in hyperkalaemic periodic paralysis", Nature 1991 Dec 5;354(6352):387-9.

*Examiner

Date Considered

10/4/02

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)